



IFWO

RAW SEQUENCE LISTING

DATE: 08/02/2004

PATENT APPLICATION: US/10/812,737

TIME: 11:25:10

Input Set : A:\PTO.LM.TXT

Output Set: N:\CRF4\08022004\J812737.raw

3 <110> APPLICANT: ChondroGene
 4 Liew, Choong-Chin
 6 <120> TITLE OF INVENTION: Method for the Detection of Gene Transcripts in Blood and
 Uses
 7 Thereof
 9 <130> FILE REFERENCE: xx
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/812,737
 C--> 11 <141> CURRENT FILING DATE: 2004-03-30
 11 <150> PRIOR APPLICATION NUMBER: US
 12 <151> PRIOR FILING DATE: 2000-01-04
 14 <150> PRIOR APPLICATION NUMBER: US 60/115,125
 15 <151> PRIOR FILING DATE: 1999-01-06
 17 <160> NUMBER OF SEQ ID NOS: 112
 19 <170> SOFTWARE: PatentIn version 3.2
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 22 <211> LENGTH: 110
 23 <212> TYPE: DNA
 24 <213> ORGANISM: Human
 26 <400> SEQUENCE: 1
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 60 <222> LOCATION: (40)..(40)

P. 6-8

ENTERED

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Input Set : A:\PTO.LM.TXT

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Input Set : A:\PTO.LM.TXT

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304 <221> NAME/KEY: misc_feature
305 <222> LOCATION: (426)..(426)

RAW SEQUENCE LISTING ERROR SUMMARY

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Input Set : A:\PTO.LM.TXT

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 16,19,25,38,40,42,44,64,65,66,70,71,81,86,89,117,121,123,135
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 Seq#:2; N Pos. 251,252,253,254,270,272,274,275,283,292,293,299,303,307,312
 Seq#:2; N Pos. 319,324,325,328,329,342,345,366,377,382,391,395,400,412,413
 Seq#:2; N Pos. 422,424,426,433,439,442,452,460,463,471,495,500,504,516
 Seq#:5; N Pos. 13,14,16,20,21,25,26,27,28,42,52,55,57,59,63,65,68,72,74,77
 Seq#:5; N Pos. 91,102,117,127,128,169,172,192,203,243,244,248,249,253,283
 Seq#:5; N Pos. 288,299,318,327,334,348,359,360
 Seq#:6; N Pos. 475,556,559,585,606,644,671,693,695,714,742,744,756,765,768
 Seq#:6; N Pos. 808,815,823,830,837
 Seq#:10; N Pos. 433,600,615,626,645,661
 Seq#:14; N Pos. 6,15,37,38,47,56,57,94,127,155,157
 Seq#:16; N Pos. 5,15,39,47,52,69,154,207,217
 Seq#:17; N Pos. 18,19,27,47,66,76,82,108,133,162,210,260,276
 Seq#:19; N Pos. 17,40,59,76,107,165,189,216,221,230
 Seq#:21; N Pos. 17,23,28,36,41,44,53,59,62,67,70,71,74,76,79,83,84,86,97
 Seq#:22; N Pos. 2,17,37,52,53,56,77,85,89,96
 Seq#:23; N Pos. 17,19,27,28,29,37,38,46,49,65,72
 Seq#:24; N Pos. 5,13,71,88,91,109,157,177,199,207,211
 Seq#:26; N Pos. 299,333,353,410,411,460,474,479
 Seq#:27; N Pos. 348,422,435,476,490
 Seq#:28; N Pos. 18,47,59,74,138,174,176,211
 Seq#:29; N Pos. 1,2,12,29,34
 Seq#:30; N Pos. 3,4,5,6,8,13,15,20,27,32,33,40,49,50,57,63,67,69,76,78,87
 Seq#:30; N Pos. 89
 Seq#:31; N Pos. 12,26,46,49,55,60,63,69,70,73,79,92,96
 Seq#:32; N Pos. 2,7,27,34,57,63,64,67,73,75,76,77,78,80,90,96,97,98
 Seq#:33; N Pos. 5,12,28,32,38,44,57,68,76,82,92
 Seq#:34; N Pos. 3,21,27,28,38,47,50,53,61,73,78,83,85,97
 Seq#:35; N Pos. 21,22,28,32,65,67,68,70,77,83,92
 Seq#:36; N Pos. 4,8,29,43,44,46,57,59,84,98,115,117,118
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 Seq#:42; N Pos. 14,31,36,63,73,93,98
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 Seq#:46; N Pos. 74
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 Seq#:48; N Pos. 5,6,33,35,36,42,46,48,55,59,69,81,87,91,94,97
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Seq#:50; N Pos. 113,115,117,121,123,125,128,142,144,160,174,175,180,181,186
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Seq#:50; N Pos. 296,300,305,308,311,319,322,326,328,334,335,338,339,347,352
Seq#:50; N Pos. 358,361,367,382,389,395,410,413,414,418,425,436,443
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Seq#:52; N Pos. 167,169,170,171,172,179,183,185,186,187,194,200,201,202,203
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Seq#:52; N Pos. 555,561,568,573,584,589,598,605,612,618,633,647,653,654,664
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Seq#:53; N Pos. 13,15,37,42,44,45,50,57,58,59,70,74,80
Seq#:55; N Pos. 5,32,40,60,62,76,107,155
Seq#:56; N Pos. 4
Seq#:69; N Pos. 356
Seq#:70; N Pos. 26
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Seq#:72; N Pos. 151
Seq#:73; N Pos. 7,16,233
Seq#:74; N Pos. 31,32,57
Seq#:76; N Pos. 11,35,37,38,43,56,67,71,75
Seq#:77; N Pos. 6,11
Seq#:78; N Pos. 11,20,24,31,38,53,61,62,66,83,84,92,109,115,146,153,166
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Seq#:81; N Pos. 22,33,34,39
Seq#:82; N Pos. 13,16,33,46,47,78,82,83,121
Seq#:83; N Pos. 8,36
Seq#:84; N Pos. 30
Seq#:89; N Pos. 37,47,108,112,129,134,152,168,196,239
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Seq#:92; N Pos. 32,34
Seq#:94; N Pos. 5,25,38,39,44,46,59,66,70,74,80,82,83,84,86,90,91,92,112
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Seq#:94; N Pos. 366,367,369,371,376,377,385,390,398,401,405,420,429,437,440
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Seq#:96; N Pos. 171,622,628,642,661,668,694,709,710,735,751,752,763,778,782

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Seq#:96; N Pos. 786,788,798

Seq#:98; N Pos. 17

Seq#:99; N Pos. 8,361

Seq#:100; N Pos. 8,39,50,56,71,72,97,110,177

Seq#:101; N Pos. 121

VERIFICATION SUMMARY

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L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:364 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:60
L:368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:120
L:370 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:180
L:372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:240
L:374 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:300
L:376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:360
L:378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:420
L:380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:480
L:588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:590 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:60
L:592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:120
L:594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:180
L:596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:240
L:598 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:300
L:724 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:420
L:728 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:540
L:730 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:600
L:732 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:660
L:734 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:720
L:736 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:780
L:833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:420
L:837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:540
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L:841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:660
L:941 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:943 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:60
L:945 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:120
L:1023 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:1025 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:60
L:1027 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:120
L:1029 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:180
L:1099 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:1101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:60
L:1103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:120
L:1105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:180
L:1107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:240
L:1190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:1192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:60
L:1194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:120
L:1196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:180
L:1308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:1310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:60
L:1365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:1367 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:60
L:1417 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0

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L:1419 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:60
L:1484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:1486 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:60
L:1488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:120
L:1490 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:180
L:1562 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:240
L:1564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:300
L:1566 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:360
L:1568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:420
L:1615 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:300
L:1619 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:420
L:1621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:480
L:1671 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:1673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:60
L:1675 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:120
L:1677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:180
L:1707 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:1804 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:1806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:60
L:1876 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:1878 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:60
L:1948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:1950 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:60
L:2015 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:2017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60
L:2092 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:2094 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:60
L:2149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:2151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:60
L:2216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:2218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:60
L:2295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:2297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:60
L:2299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:120
L:2339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:2341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:60
L:2386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
L:2388 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:60
L:2410 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:60
L:2474 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
L:2476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:60
L:2571 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
L:2573 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:60
L:2643 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
L:2645 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:60
L:2662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:60
L:2757 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0
L:2759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:60
L:2839 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0

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L:2841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:60
L:2921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0
L:2925 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:120
L:2927 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:180
L:2929 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:240
L:2931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:300
L:2933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:360
L:2935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:420
L:3295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0
L:3297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:60
L:3299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:120
L:3301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:180
L:3303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:240
L:3305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:300
L:3307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:360
L:3309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:420
L:3399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0
L:3401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:60
L:3405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:180
L:3407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:240
L:3409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:300
L:3413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:420
L:3877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:0
L:3879 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:60
L:3881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:120
L:3883 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:180
L:3885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:240
L:3887 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:300
L:3889 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:360
L:3891 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:420
L:3893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:480
L:3895 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:540
L:3897 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:600
L:3899 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:660
L:3961 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:0
L:3963 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:60
L:4038 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
L:4040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:60
L:4042 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:120
L:4057 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0
L:4316 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:300
L:4333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70 after pos.:0
L:4429 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:0
L:4431 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:60
L:4452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:120
L:4487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:0
L:4493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:180
L:4523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:0
L:4594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:0

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L:4596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:60
L:4626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:0
L:4719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:0
L:4721 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:60
L:4723 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:120
L:4771 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79 after pos.:0
L:4773 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79 after pos.:60
L:4855 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80 after pos.:0
L:4857 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80 after pos.:60
L:4859 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80 after pos.:120
L:4861 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80 after pos.:180
L:4886 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:0
L:4945 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:0
L:4947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:60
L:4949 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:120
L:4979 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:0
L:4998 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:0
L:5144 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:0
L:5146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:60
L:5148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:120
L:5150 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:180
L:5204 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 after pos.:300
L:5226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92 after pos.:0
L:5648 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:0
L:5650 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:60
L:5652 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:120
L:5654 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:180
L:5656 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:240
L:5658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:300
L:5660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:360
L:5662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:420
L:5664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:480
L:5959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:0
L:5961 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:60
L:5963 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:120
L:5965 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:180
L:5967 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:240
L:5969 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:300
L:5971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:360
L:6065 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:120
L:6081 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:600
L:6083 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:660
L:6085 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:720
L:6087 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:780
L:6121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:98 after pos.:0
L:6143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:0
L:6155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:360
L:6209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100 after pos.:0
L:6211 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100 after pos.:60

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L:6213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100 after pos.:120

L:6240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:120